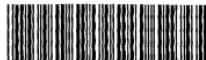


Be-run

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/020,541

DATE: 10/30/2002
TIME: 11:55:45

Input Set : N:\paola\US10020541.raw
Output Set: N:\CRF4\10302002\J020541.raw

#9/R.T.
11/21

P20
Seq.
listing

1 <110> APPLICANT: Larry A. Wheeler
2 Gerald W. DeVries
3 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT
4 OF OCULAR NEOVASCULARIZATION AND NEURAL INJURY
5 <130> FILE REFERENCE: 17400(BAR)
6 <140> CURRENT APPLICATION NUMBER: US/10/020,541
7 <141> CURRENT FILING DATE: 2001-10-30
8 <150> PRIOR APPLICATION NUMBER: 60/244,850
9 <151> PRIOR FILING DATE: 2000-11-01
10 <160> NUMBER OF SEQ ID NOS: 4
11 <170> SOFTWARE: FastSEQ for Windows Version 3.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 418
15 <212> TYPE: PRT
16 <213> ORGANISM: Artificial Sequence
17 <220> FEATURE:
18 <223> OTHER INFORMATION: Homo sapiens
19 <400> SEQUENCE: 1
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22 Ser Ser Cys Gln Asn Pro Ala Ser Pro Pro Glu Glu Gly Ser Pro Asp
23 20 25 30
24 Pro Asp Ser Thr Gly Ala Leu Val Glu Glu Glu Asp Pro Phe Phe Lys
25 35 40 45
26 Val Pro Val Asn Lys Leu Ala Ala Ala Val Ser Asn Phe Gly Tyr Asp
27 50 55 60
28 Leu Tyr Arg Val Arg Ser Ser Met Ser Pro Thr Thr Asn Val Leu Leu
29 65 70 75 80
30 Ser Pro Leu Ser Val Ala Thr Ala Leu Ser Ala Leu Ser Leu Gly Ala
31 85 90 95
32 Asp Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Leu
33 100 105 110
34 Ile Ser Ser Pro Asp Ile His Gly Thr Tyr Lys Glu Leu Leu Asp Thr
35 115 120 125
36 Val Thr Ala Pro Gln Lys Asn Leu Lys Ser Ala Ser Arg Ile Val Phe
37 130 135 140
38 Glu Lys Lys Leu Arg Ile Lys Ser Ser Phe Val Ala Pro Leu Glu Lys
39 145 150 155 160
40 Ser Tyr Gly Thr Arg Pro Arg Val Leu Thr Gly Asn Pro Arg Leu Asp
41 165 170 175
42 Leu Gln Glu Ile Asn Asn Trp Val Gln Ala Gln Met Lys Gly Lys Leu
43 180 185 190
44 Ala Arg Ser Thr Lys Glu Ile Pro Asp Glu Ile Ser Ile Leu Leu Leu

ENTERED

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NOV 05 2002

TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/020,541

DATE: 10/30/2002
TIME: 11:55:46

Input Set : N:\paola\US10020541.raw
Output Set: N:\CRF4\10302002\J020541.raw

45	195	200	205
46	Gly Val Ala His Phe Lys Gly Gln Trp Val Thr Lys Phe Asp Ser Arg		
47	210	215	220
48	Lys Thr Ser Leu Glu Asp Phe Tyr Leu Asp Glu Glu Arg Thr Val Arg		
49	225	230	235
50	Val Pro Met Met Ser Asp Pro Lys Ala Val Leu Arg Tyr Gly Leu Asp		240
51	245	250	255
52	Ser Asp Leu Ser Cys Lys Ile Ala Gln Leu Pro Leu Thr Gly Ser Met		
53	260	265	270
54	Ser Ile Ile Phe Phe Leu Pro Leu Lys Val Thr Gln Asn Leu Thr Leu		
55	275	280	285
56	Ile Glu Glu Ser Leu Thr Ser Glu Phe Ile His Asp Ile Asp Arg Glu		
57	290	295	300
58	Leu Lys Thr Val Gln Ala Val Leu Thr Val Pro Lys Leu Lys Leu Ser		
59	305	310	315
60	Tyr Glu Gly Glu Val Thr Lys Ser Leu Gln Glu Met Lys Leu Gln Ser		320
61	325	330	335
62	Leu Phe Asp Ser Pro Asp Phe Ser Lys Ile Thr Gly Lys Pro Ile Lys		
63	340	345	350
64	Leu Thr Gln Val Glu His Arg Ala Gly Phe Glu Trp Asn Glu Asp Gly		
65	355	360	365
66	Ala Gly Thr Thr Pro Ser Pro Gly Leu Gln Pro Ala His Leu Thr Phe		
67	370	375	380
68	Pro Leu Asp Tyr His Leu Asn Gln Pro Phe Ile Phe Val Leu Arg Asp		
69	385	390	395
70	Thr Asp Thr Gly Ala Leu Leu Phe Ile Gly Lys Ile Leu Asp Pro Arg		400
71	405	410	415
72	Gly Pro		
74 <210>	SEQ ID NO: 2		
75 <211>	LENGTH: 168		
76 <212>	TYPE: PRT		
77 <213>	ORGANISM: Artificial Sequence		
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79 <223>	OTHER INFORMATION: Homo sapiens		
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82	1	5	10
83	Phe Leu Ala Phe Ile Phe Ile Leu Ala Ala Val Asp Thr Ala Glu Ala		15
84	20	25	30
85	Gly Lys Lys Glu Lys Pro Glu Lys Lys Val Lys Lys Ser Asp Cys Gly		
86	35	40	45
87	Glu Trp Gln Trp Ser Val Cys Val Pro Thr Ser Gly Asp Cys Gly Leu		
88	50	55	60
89	Gly Thr Arg Glu Gly Thr Arg Thr Gly Ala Glu Cys Lys Gln Thr Met		
90	65	70	75
91	Lys Thr Gln Arg Cys Lys Ile Pro Cys Asn Trp Lys Lys Gln Phe Gly		80
92	85	90	95
93	Ala Glu Cys Lys Tyr Gln Phe Gln Ala Trp Gly Glu Cys Asp Leu Asn		
94	100	105	110

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/020,541

DATE: 10/30/2002

TIME: 11:55:46

Input Set : N:\paola\US10020541.raw

Output Set: N:\CRF4\10302002\J020541.raw

95 Thr Ala Leu Lys Thr Arg Thr Gly Ser Leu Lys Arg Ala Leu His Asn
 96 115 120 125
 97 Ala Glu Cys Gln Lys Thr Val Thr Ile Ser Lys Pro Cys Gly Lys Leu
 98 130 135 140
 99 Thr Lys Pro Lys Pro Gln Ala Glu Ser Lys Lys Lys Lys Lys Glu Gly
 100 145 150 155 160
 101 Lys Lys Gln Glu Lys Met Leu Asp
 102 165
 104 <210> SEQ ID NO: 3
 105 <211> LENGTH: 200
 106 <212> TYPE: PRT
 107 <213> ORGANISM: Artificial Sequence
 108 <220> FEATURE:
 109 <223> OTHER INFORMATION: Homo sapiens
 110 <400> SEQUENCE: 3
 111 Met Ala Phe Thr Glu His Ser Pro Leu Thr Pro His Arg Arg Asp Leu
 112 1 5 10 15
 113 Cys Ser Arg Ser Ile Trp Leu Ala Arg Lys Ile Arg Ser Asp Leu Thr
 114 20 25 30
 115 Ala Leu Thr Glu Ser Tyr Val Lys His Gln Gly Leu Asn Lys Asn Ile
 116 35 40 45
 117 Asn Leu Asp Ser Ala Asp Gly Met Pro Val Ala Ser Thr Asp Gln Trp
 118 50 55 60
 119 Ser Glu Leu Thr Glu Ala Glu Arg Leu Gln Glu Asn Leu Gln Ala Tyr
 120 65 70 75 80
 121 Arg Thr Phe His Val Leu Ala Arg Leu Leu Glu Asp Gln Gln Val
 122 85 90 95
 123 His Phe Thr Pro Thr Glu Gly Asp Phe His Gln Ala Ile His Thr Leu
 124 100 105 110
 125 Leu Leu Gln Val Ala Ala Phe Ala Tyr Gln Ile Glu Glu Leu Met Ile
 126 115 120 125
 127 Leu Leu Glu Tyr Lys Ile Pro Arg Asn Glu Ala Asp Gly Met Pro Ile
 128 130 135 140
 129 Asn Val Gly Asp Gly Gly Leu Phe Glu Lys Lys Leu Trp Gly Leu Lys
 130 145 150 155 160
 131 Val Leu Gln Glu Leu Ser Gln Trp Thr Val Arg Ser Ile His Asp Leu
 132 165 170 175
 133 Arg Phe Ile Ser Ser His Gln Thr Gly Ile Pro Ala Arg Gly Ser His
 134 180 185 190
 135 Tyr Ile Ala Asn Asn Lys Lys Met
 136 195 200
 138 <210> SEQ ID NO: 4
 139 <211> LENGTH: 247
 140 <212> TYPE: PRT
 141 <213> ORGANISM: Artificial Sequence
 142 <220> FEATURE:
 143 <223> OTHER INFORMATION: Homo sapien
 144 <400> SEQUENCE: 4
 145 Met Thr Ile Leu Phe Leu Thr Met Val Ile Ser Tyr Phe Gly Cys Met

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/020,541

DATE: 10/30/2002

TIME: 11:55:46

Input Set : N:\paola\US10020541.raw

Output Set: N:\CRF4\10302002\J020541.raw

146	1	5	10	15
147	Lys Ala Ala Pro Met Lys Glu Ala Asn Ile Arg Gly Gln Gly Gly Leu			
148	20	25	30	
149	Ala Tyr Pro Gly Val Arg Thr His Gly Thr Leu Glu Ser Val Asn Gly			
150	35	40	45	
151	Pro Lys Ala Gly Ser Arg Gly Leu Thr Ser Leu Ala Asp Thr Phe Glu			
152	50	55	60	
153	His Met Ile Glu Glu Leu Leu Asp Glu Asp Gln Lys Val Arg Pro Asn			
154	65	70	75	80
155	Glu Glu Asn Asn Lys Asp Ala Asp Leu Tyr Thr Ser Arg Val Met Leu			
156	85	90	95	
157	Ser Ser Gln Val Pro Leu Glu Pro Pro Leu Leu Phe Leu Leu Glu Glu			
158	100	105	110	
159	Tyr Lys Asn Tyr Leu Asp Ala Ala Asn Met Ser Met Arg Val Arg Arg			
160	115	120	125	
161	His Ser Asp Pro Ala Arg Arg Gly Glu Leu Ser Val Cys Asp Ser Ile			
162	130	135	140	
163	Ser Glu Trp Val Thr Ala Ala Asp Lys Lys Thr Ala Val Asp Met Ser			
164	145	150	155	160
165	Gly Gly Thr Val Thr Val Leu Glu Lys Val Pro Val Ser Lys Gly Gln			
166	165	170	175	
167	Leu Lys Gln Tyr Phe Tyr Glu Thr Lys Cys Asn Pro Met Gly Tyr Thr			
168	180	185	190	
169	Lys Glu Gly Cys Arg Gly Ile Asp Lys Arg His Trp Asn Ser Gln Cys			
170	195	200	205	
171	Arg Thr Thr Gln Ser Tyr Val Arg Ala Leu Thr Met Asp Ser Lys Lys			
172	210	215	220	
173	Arg Ile Gly Trp Arg Phe Ile Arg Ile Asp Thr Ser Cys Val Cys Thr			
174	225	230	235	240
175	Leu Thr Ile Lys Arg Gly Arg			
176	245			

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/020,541

DATE: 10/30/2002

TIME: 11:55:47

Input Set : N:\paola\US10020541.raw

Output Set: N:\CRF4\10302002\J020541.raw